

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

James Leonard AUSTIN

Art Unit:

Application No: 10/019,172

Examiner:

Filed:

For: DATA PROCESSORS

PRELIMINARY AMENDMENT

Box PCT  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please make the following amendments to this application prior to examination thereof.

AMENDMENTS

In the Claims:

Claims 3-16 and 19-22, cancel.

Add new claims as follows:

23. (New) A data processor according to claim 1, wherein said separator generator is arranged to generate separators in a random manner.

24. (New) A data processor according to claim 1, wherein said separator generator is arranged to generate separators which are M bits wide and having N bits set, where  $N > 1$  or  $N = 1$ , and where  $N < M$ .

25. (New) A data processor according to claim 1, wherein, for each said set of tuples, each tuple comprises three successive elements of a respective set of input data, and each successive tuple is offset by one such element from the preceding tuple.

26. (New) A data processor according to claim 1, wherein said coder is arranged to code said tuples by tensoring.

27. (New) A data processor according to claim 1, wherein said combiner is arranged to combine the coded tuples for a respective set of input data, by superimposition.